

Down Draft Table

(Model 50-880, 50-885)



MODEL 50-880



MODEL 50-885

PART NO. 902113 (016)
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For Parts, Service, Warranty or other Assistance,

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GENERAL SAFETY RULES

Woodworking can be dangerous if safe and proper operating procedures are not followed. As with all machinery, there are certain hazards involved with the operation of the product. Using the machine with respect and caution will considerably lessen the possibility of personal injury. However, if normal safety precautions are overlooked or ignored, personal injury to the operator may result. Safety equipment such as guards, push sticks, hold-downs, featherboards, goggles, dust masks and hearing protection can reduce your potential for injury. But even the best guard won't make up for poor judgment, carelessness or inattention. Always use common sense and exercise caution in the workshop. If a procedure feels dangerous, don't try it. Figure out an alternative procedure that feels safer. **REMEMBER:** Your personal safety is your responsibility.

This machine was designed for certain applications only. Delta Machinery strongly recommends that this machine not be modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, **DO NOT** use the machine until you have first contacted Delta to determine if it can or should be performed on the product.

Technical Service Manager

Delta Machinery

4825 Highway 45 North

Jackson, TN 38305

(IN CANADA: 505 SOUTHGATE DRIVE, GUELPH, ONTARIO N1H 6M7)



WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS PERSONAL INJURY

1. **FOR YOUR OWN SAFETY, READ INSTRUCTION MANUAL BEFORE OPERATING THE TOOL.** Learn the tool's application and limitations as well as the specific hazards peculiar to it.

2. **KEEP GUARDS IN PLACE** and in working order.

3. **ALWAYS WEAR EYE PROTECTION.** Wear safety glasses. Everyday eyeglasses only have impact resistant lenses; they are not safety glasses. Also use face or dust mask if cutting operation is dusty. These safety glasses must conform to ANSI Z87.1 requirements. Note: Approved glasses have Z87 printed or stamped on them.

4. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it "on".

5. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.

6. **DON'T USE IN DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well-lighted.

7. **KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept a safe distance from work area.

8. **MAKE WORKSHOP CHILDPROOF** – with padlocks, master switches, or by removing starter keys.

9. **DON'T FORCE TOOL.** It will do the job better and be safer at the rate for which it was designed.

10. **USE RIGHT TOOL.** Don't force tool or attachment to do a job for which it was not designed.

11. **WEAR PROPER APPAREL.** No loose clothing, gloves, neckties, rings, bracelets, or other jewelry to get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.

12. **SECURE WORK.** Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.

13. **DON'T OVERREACH.** Keep proper footing and balance at all times.

14. **MAINTAIN TOOLS IN TOP CONDITION.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

15. **DISCONNECT TOOLS** before servicing and when changing accessories such as blades, bits, cutters, etc.

16. **USE RECOMMENDED ACCESSORIES.** The use of accessories and attachments not recommended by Delta may cause hazards or risk of injury to persons.

17. **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in "OFF" position before plugging in power cord. In the event of a power failure, move switch to the "OFF" position.

18. **NEVER STAND ON TOOL.** Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.

19. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function – check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

20. **DIRECTION OF FEED.** Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.

21. **NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF.** Don't leave tool until it comes to a complete stop.

22. **STAY ALERT, WATCH WHAT YOU ARE DOING, AND USE COMMON SENSE WHEN OPERATING A POWER TOOL. DO NOT USE TOOL WHILE TIRED OR UNDER THE INFLUENCE OF DRUGS, ALCOHOL, OR MEDICATION.** A moment of inattention while operating power tools may result in serious personal injury.

23. **MAKE SURE TOOL IS DISCONNECTED FROM POWER SUPPLY** while motor is being mounted, connected or reconnected.

24. **THE DUST GENERATED** by certain woods and wood products can be injurious to your health. Always operate machinery in well ventilated areas and provide for proper dust removal. Use wood dust collection systems whenever possible.

SAVE THESE INSTRUCTIONS.

Refer to them often and use them to instruct others.

ADDITIONAL SAFETY RULES FOR DOWN DRAFT TABLES



WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS PERSONAL INJURY

1. **ALWAYS** turn the power switch “OFF” before unplugging the machine.
2. **DO NOT** leave the machine plugged into the electrical outlet. Unplug machine from the outlet when not in use and before servicing filter, unclogging and cleaning.
3. **FOLLOW** all electrical and safety codes, including the National Electric Code (NEC) and the Occupational Safety and Health Regulations (OSHA). All electrical connections and wiring should be made by qualified personnel only.
4. **DO NOT** use the machine to collect flammable or combustible liquids, such as gasoline. **NEVER** use the machine near any flammable or combustible liquids.
5. **USE** the machine to collect wood materials only. **DO NOT** use the machine to collect metal shavings, metal dust, or parts.
6. **NEVER** use the machine to dissipate fumes or smoke. **NEVER** collect anything that is burning or smoking, such as cigarettes, matches or hot ashes.
7. **USE** machine only as described in this manual. **USE** only accessories recommended by Delta.
8. **DO NOT** pull the machine by the power cord. **NEVER** allow the power cord to come in contact with sharp edges, hot surfaces, oil or grease.
9. **DO NOT** unplug the machine by pulling on the power cord. **ALWAYS** grasp the plug, not the cord.
10. **DO NOT** handle the plug or machine with wet hands.
11. **REPLACE** a damaged cord immediately. **DO NOT** use a damaged cord or plug. If the machine is not operating properly, or has been damaged, left outdoors or has been in contact with water, return it to an Authorized Service Center for service.
12. **DO NOT** use the machine as a toy. **DO NOT** use near or around children.
13. **DO NOT** insert fingers or foreign objects into the dust intake ports. Keep hair, loose clothing, and fingers, away from openings and moving parts in the machine.
14. **DO NOT** use the machine without the dust collection filter in place and properly secured.
15. **PERIODICALLY INSPECT** filter for any cuts, rips or tears. **NEVER** operate the machine with a damaged filter.
16. **MAINTAIN TOOLS IN TOP CONDITION.** Keep filters clean for optimum performance. Follow instructions for changing and cleaning filters.
17. **DO NOT** operate your down draft table until it is completely assembled and installed according to the instruction manual.
18. **USE FACE OR DUST MASK AND EYE PROTECTION. WARNING:** The dust generated by certain woods and wood products can be hazardous to your health. Always operate machinery in well-ventilated areas and provide for proper dust removal.
19. **DO NOT USE TO COLLECT LEAD-BASED PAINT DUST.** The dust from lead-based paint can be hazardous to your health.
20. **TO AVOID A POTENTIALLY DANGEROUS SITUATION, DO NOT USE MACHINE TO DISSIPATE FUMES OR SMOKE.** This tool is intended for use in non-explosive, non-metallic atmospheres where only dry airborne dust is present.

POWER CONNECTIONS

A separate electrical circuit should be used for your tools. This circuit should not be less than #12 wire and should be protected with a 20 Amp time lag fuse. If an extension cord is used, use only 3-wire extension cords which have 3-prong grounding type plugs and matching receptacle which will accept the tool's plug. Before connecting the motor to the power line, make sure the switch is in the “OFF” position and be sure that the electric current is of the same characteristics as indicated on the tool. All line connections should make good contact. Running on low voltage will damage the motor.



WARNING: DO NOT EXPOSE THE TOOL TO RAIN OR OPERATE THE TOOL IN DAMP LOCATIONS.

MOTOR SPECIFICATIONS

Your tool is wired for 120 volt, 60 HZ alternating current. Before connecting the tool to the power source, make sure the switch is in the “OFF” position.

GROUNDING INSTRUCTIONS



WARNING: THIS TOOL MUST BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRIC SHOCK.

1. All grounded, cord-connected tools:

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding type plugs and matching 3-conductor receptacles that accept the tool's plug, as shown in Fig. A.

Repair or replace damaged or worn cord immediately.

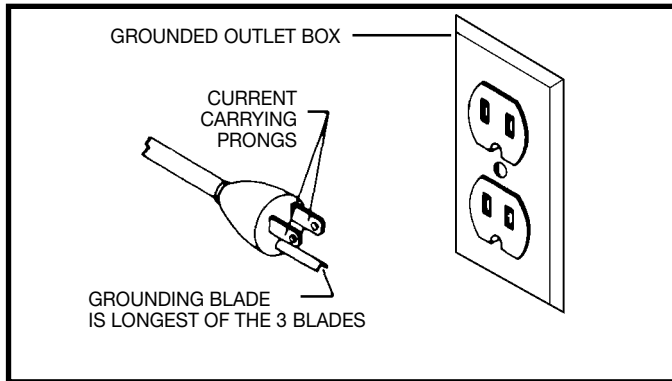


Fig. A

240 VOLT, SINGLE PHASE OPERATION

The motor supplied with your down draft table is a dual voltage 120/240 volt motor. If it is desired to operate your down draft table at 240 volts, single phase, contact your local Authorized Delta Service Center or a qualified electrician. Your Authorized Delta Service Center or a qualified electrician can provide the proper procedures to rewire your down draft table motor for 240 volt operation and wiring a 240 volt attachment plug to the power supply cord. The down draft table with a 240 volt plug should only be connected to an outlet having the same configuration as the plug illustrated in Fig. C. No adapter is available or should be used with the 240-volt plug. **AS A PRECAUTION IN ALL CASES, MAKE CERTAIN THE RECEPTACLE IN QUESTION IS PROPERLY GROUNDED. IF YOU ARE NOT SURE, HAVE A QUALIFIED ELECTRICIAN CHECK THE RECEPTACLE.**

2. Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating less than 150 volts:

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Fig. A. The tool has a grounding plug that looks like the plug illustrated in Fig. A. A temporary adapter, which looks like the adapter illustrated in Fig. B, may be used to connect this plug to a matching 2-conductor receptacle as shown in Fig. B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear, lug, and the like, extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. Whenever the adapter is used, it must be held in place with a metal screw.

NOTE: In Canada, the use of a temporary adapter is not permitted by the Canadian Electric Code.

 **WARNING: IN ALL CASES, MAKE CERTAIN THE RECEPTACLE IN QUESTION IS PROPERLY GROUNDED. IF YOU ARE NOT SURE HAVE A QUALIFIED ELECTRICIAN CHECK THE RECEPTACLE.**

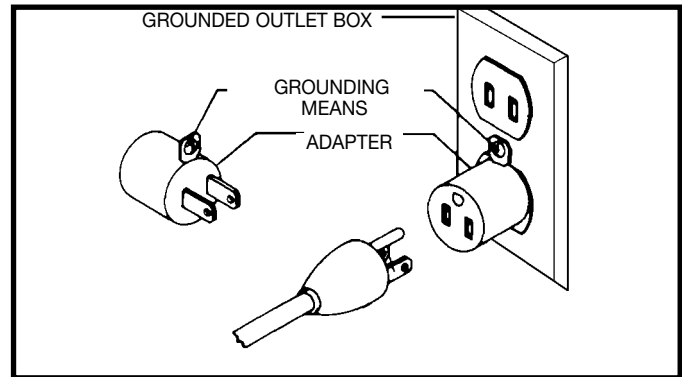


Fig. B

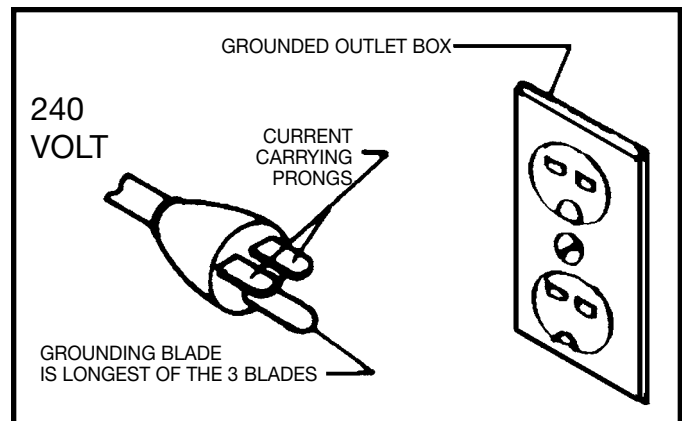


Fig. C

EXTENSION CORDS

Use proper extension cords. Make sure your extension cord is in good condition and is a 3-wire extension cord which has a 3-prong grounding type plug and matching receptacle which will accept the tool's plug. When using an extension cord, be sure to use one heavy enough to carry the current of the tool. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. Fig. D, shows the correct gauge to use depending on the cord length. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

MINIMUM GAUGE EXTENSION CORD			
RECOMMENDED SIZES FOR USE WITH STATIONARY ELECTRIC TOOLS			
Ampere Rating	Volts	Total Length of Cord in Feet	Gauge of Extension Cord
0-6	120	up to 25	18 AWG
0-6	120	25-50	16 AWG
0-6	120	50-100	16 AWG
0-6	120	100-150	14 AWG
6-10	120	up to 25	18 AWG
6-10	120	25-50	16 AWG
6-10	120	50-100	14 AWG
6-10	120	100-150	12 AWG
10-12	120	up to 25	16 AWG
10-12	120	25-50	16 AWG
10-12	120	50-100	14 AWG
10-12	120	100-150	12 AWG
12-16	120	up to 25	14 AWG
12-16	120	25-50	12 AWG
12-16	120	GREATER THAN 50 FEET NOT RECOMMENDED	

Fig. D

MINIMUM GAUGE EXTENSION CORD			
RECOMMENDED SIZES FOR USE WITH STATIONARY ELECTRIC TOOLS			
Ampere Rating	Volts	Total Length of Cord in Feet	Gauge of Extension Cord
0-6	240	up to 50	18 AWG
0-6	240	50-100	16 AWG
0-6	240	100-200	16 AWG
0-6	240	200-300	14 AWG
6-10	240	up to 50	18 AWG
6-10	240	50-100	16 AWG
6-10	240	100-200	14 AWG
6-10	240	200-300	12 AWG
10-12	240	up to 50	16 AWG
10-12	240	50-100	16 AWG
10-12	240	100-200	14 AWG
10-12	240	200-300	12 AWG
12-16	240	up to 50	14 AWG
12-16	240	50-100	12 AWG
12-16	240	GREATER THAN 100 FEET NOT RECOMMENDED	

Fig. D

OPERATING INSTRUCTIONS

FOREWORD

The Down Draft Table is primarily to be used in sanding applications to help reduce the amount of dust that is airborne. The Down Draft Table can be used in many different types of applications such as, cabinet shops, furniture shops, and window frame makers to name just a few. The Down Draft Table will be a welcome addition to any wood working shop.

UNPACKING AND CLEANING

Carefully unpack the tool and all loose items from the shipping container(s). Remove the protective coating from all unpainted surfaces. This coating may be removed with a soft cloth moistened with kerosene (do not use acetone, gasoline or lacquer thinner for this purpose). After cleaning, cover the unpainted surfaces with a good quality household floor paste wax.

NOTICE: THE MANUAL COVER PHOTO ILLUSTRATES THE CURRENT PRODUCTION MODEL. ALL OTHER ILLUSTRATIONS ARE REPRESENTATIVE ONLY AND MAY NOT DEPICT THE ACTUAL COLOR, LABELING OR ACCESSORIES.

DOWN DRAFT TABLE COMPONENTS

Carefully unpack the Down Draft Table from the two shipping containers, and check for any damaged or missing parts, Fig. 1, 2, 3, 4, and 5, illustrates the components of the Down Draft Table.

MODEL 50-885 has 76 1/4-20x5/8" Flange screws, 72 1/4-20 Flange nuts, and 8 1/4-20x7/8" Flat head screws.

MODEL 50-880 has 72 1/4-20x5/8" Flange screws, 68 1/4-20 Flange nuts, and 8 1/4-20x7/8" Flat head screws.



Fig. 1

Fig1

A. Motor Case

Fig. 2

- B.** Side Middle Boards (2)
- C.** Back Middle Board (1)
- D.** Casters (2)
- E.** Table Foot (2)
- G.** Top Middle Board (1)
- H.** Bottom Middle Board (1)

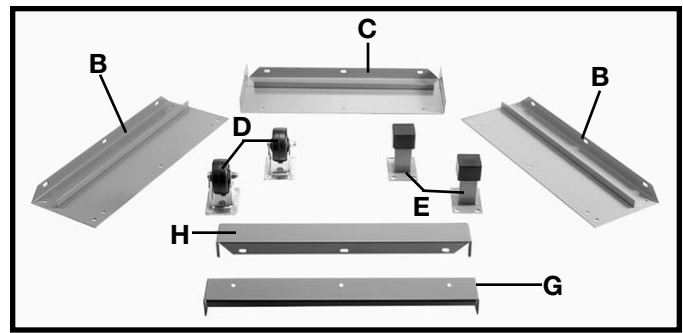


Fig. 2

Fig. 3

- I.** Skew Board Front/Back (2)
- J.** Skew Board Left/Right (2)
- K.** Board Support (1) **(Model 50-885 only)**
- L.** Skew Board Bracket (2)
- M.** Curtain Frame Plate (2)

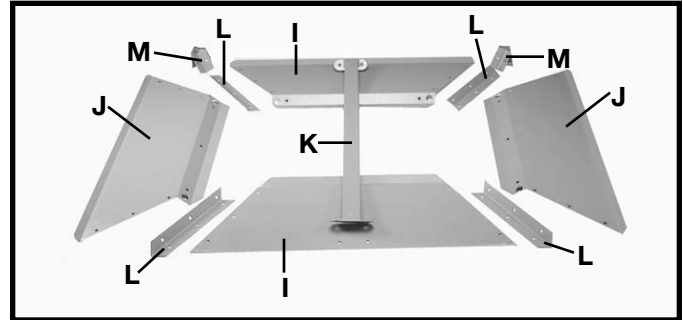


Fig. 3

Fig. 4

- O.** Curtain Frame (1)
- P.** Back Curtain Rod (1)
- Q.** Side Curtain Rod (2)
- R.** Handle Assembly (2)
- S.** 5/16" Flat Washer (2)

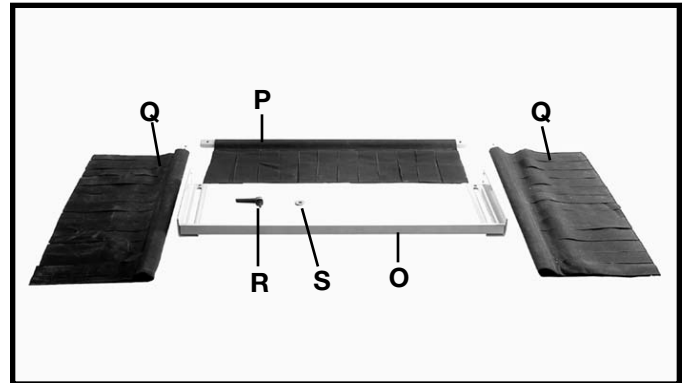


Fig. 4

Fig. 5

- T.** Table Top (2) **(Model 50-880 has only one table top.)**
- U.** Filter Drawer (1)

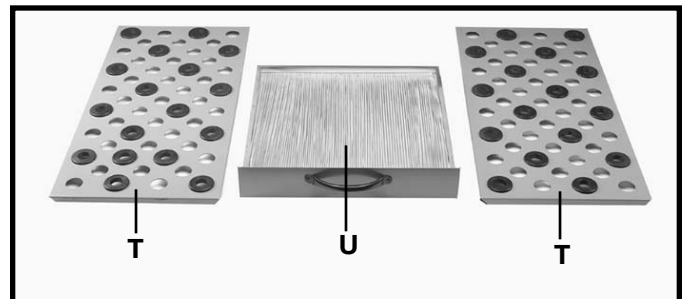


Fig. 5

ASSEMBLY

CASTERS & TABLE FEET

1. Place the motor case (A) Fig. 1, on its back as shown in Fig. 6.



Fig. 6

2. Attach the table feet (E) Fig. 2, to the bottom of the motor case, on the same side as the ON/OFF switch (A) Fig. 7, is located. Align the holes in the table feet (E) Fig. 7, with the holes in the bottom front of the motor case. Insert a 1/4-20x5/8" hex flange screw through the hole in the table foot and the hole in the motor case. Thread a 1/4-20 flange nut onto the 1/4-20x5/8" hex flange screw and tighten securely. Repeat this process for the 7 remaining holes in the table feet and motor case, as shown in Fig. 7.

3. Attach the casters (D) Fig. 2, to the bottom of the motor case. Align the holes in the casters (D) Fig. 7, with the holes in the bottom back of the motor case. Insert a 1/4-20x5/8" hex flange screw through the hole in the caster and the hole in the motor case. Thread a 1/4-20 flange nut onto the 1/4-20x5/8" hex flange screw and tighten securely. Repeat this process for the 7 remaining holes in the casters and motor case.

SIDE MIDDLE BOARDS

1. Lift the motor case so that it is resting on its table feet and casters.

2. Attach the side middle boards (B) Fig. 2, to the motor case. Align the holes in the side middle boards (B) Fig. 8, with the holes in the top of the motor case. Insert a 1/4-20x5/8" hex flange screw through the hole in the side middle board and thread into the tapped hole in the top side of the motor case. Repeat this process for the 5 remaining holes in the side boards and the motor case as shown in Fig. 8.

BACK MIDDLE BOARD

1. Attach the back middle board (C) Fig. 2, to the motor case. Align the holes in the back middle board (C) Fig. 9, with the holes in the motor case. Insert a 1/4-20x5/8" flange screw through the hole in the back middle board and thread into the motor case. Repeat this process for the two remaining holes.

2. Attach the back middle board (C) Fig. 9, to the side middle boards. Align the holes (D) in the back middle board (C) Fig. 9, with the holes in the side middle boards (B). Insert a 1/4-20x5/8" flange screw through the hole in the back middle board and side middle board, thread a 1/4-20 flange nut onto the flange screw and tighten securely. Repeat this process for the remaining hole.

BOTTOM MIDDLE BOARD

1. Attach the bottom middle board (H) Fig. 2, to the front of the motor case. Align the holes in the bottom middle board (H) Fig. 9, with the holes in the motor case. Insert a 1/4-20x5/8" flange screw through the hole in the bottom middle board and thread into the motor case. Repeat this process for the two remaining holes.

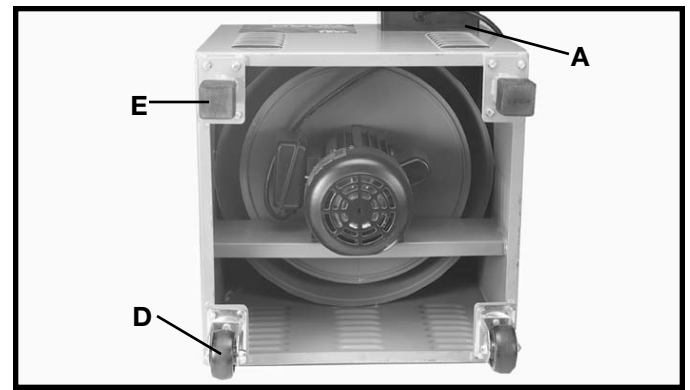


Fig. 7

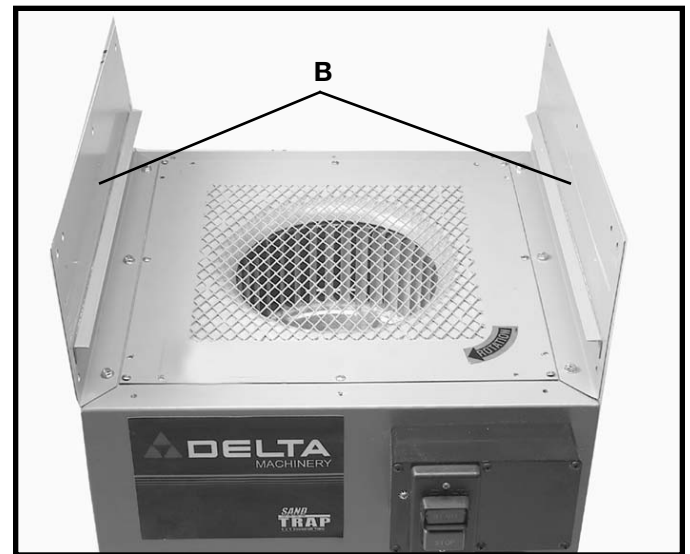


Fig. 8

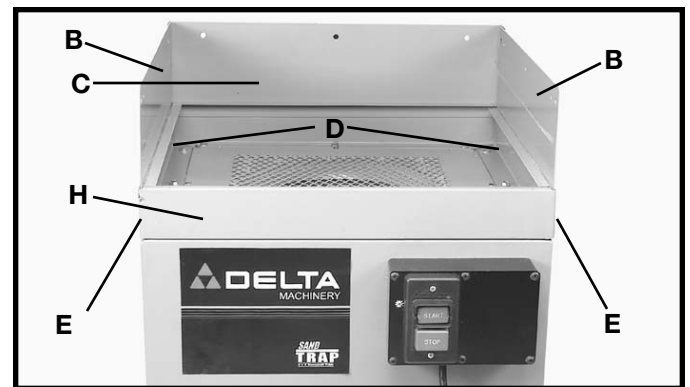


Fig. 9

2. Attach the bottom middle board (H) Fig. 9, to the side middle boards. Align the holes (E) in the bottom middle board (H) Fig. 9, with the holes in the side middle boards (B). Insert a 1/4-20x5/8" flange screw through the hole in the back middle board and side middle board, thread a 1/4-20 flange nut onto the flange screw and tighten securely. Repeat this process for the remaining hole.

SKUEW BOARDS

1. Align the skew boards (I, J), skew board brackets (L), and the curtain frame plates (M), on a flat surface as shown in Fig. 10. **NOTE: SKEW BOARDS (I) SHOULD BE ATTACHED OPPOSITE OF EACH OTHER. SKEW BOARDS (I) ARE THE BOARDS WITH TWO HOLES DRILLED IN THEM FOR ATTACHING THE BOARD SUPPORT (FOR MODEL 50-885 ONLY).**

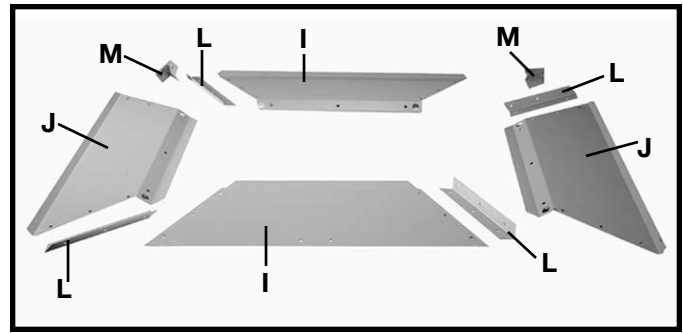


Fig. 10

2. Attach 4 skew board brackets (L), to the bottom of skew boards (I) & (J). Insert a 1/4-20x5/8" flange screw through the hole in the skew board bracket and skew board, and thread a 1/4-20 flange nut onto the 1/4-20x5/8" flange screw and tighten securely. Repeat this process for the remaining two bottom holes in the skew board brackets and the skew boards, as shown in Figs. 11 and 12. **NOTE: ONLY FASTEN SKEW BOARD BRACKETS TO THE SKEW BOARDS WITH THE TWO BOTTOM HOLES IN BOTH THE BRACKET AND BOARD, THE TOP HOLES WILL BE USED LATER.**

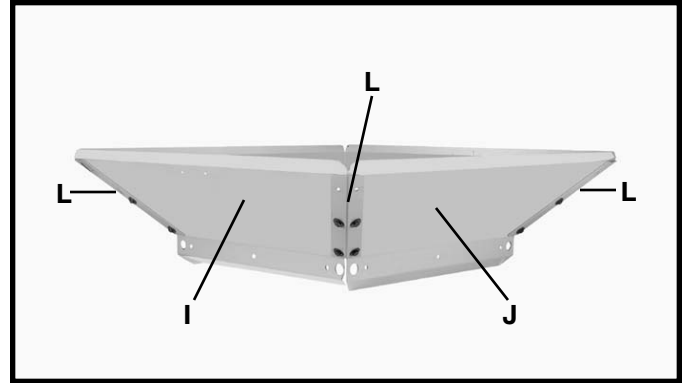


Fig. 11

3. Attach the curtain frame plates (M) Fig. 14, to one of the skew boards (I) Fig. 13, in holes A & B. Insert a 1/4-20x5/8" flange screw through the curtain frame plate (M) Fig. 14, and skew board and thread a 1/4-20 flange nut onto the screw and tighten securely. Repeat this process for the three remaining holes in the two curtain frame plates and skew board as shown in Fig. 14. **NOTE: INSERT A HEX FLANGE SCREW THROUGH THE FOUR REMAINING HOLES OPPOSITE THE SKEW BOARD THAT THE CURTAIN FRAME PLATES WERE ATTACHED TO, AND THREAD A 1/4-20 FLANGE NUT ONTO THE HEX FLANGE SCREWS AND TIGHTEN SECURELY.**

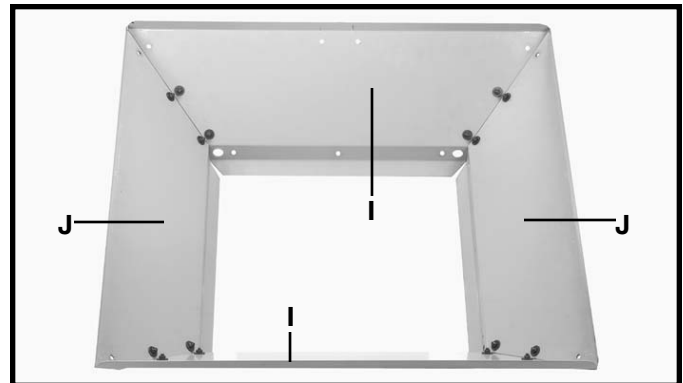


Fig. 12

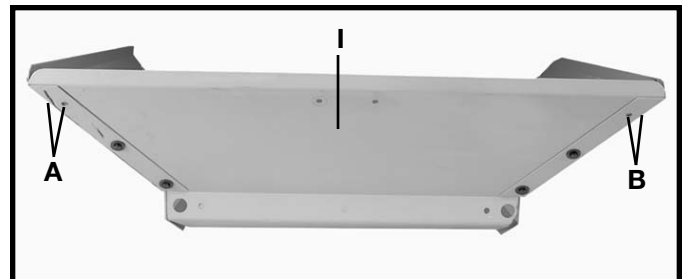


Fig. 13

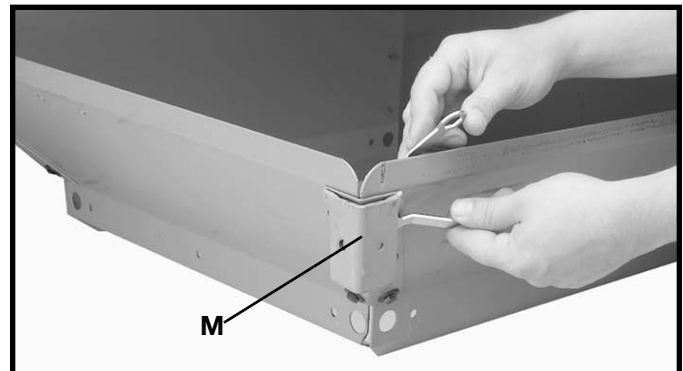


Fig. 14

4. Attach the top middle board (G) Fig. 15, to the front of the skew board opposite of the skew board that the curtain frame plates are attached. Align the three holes (A) Fig. 15, in the top middle board (G), with the three holes in the skew board (I). Insert a 1/4-20x5/8" flange screw through the hole in the top middle board and the hole in the skew board, thread a 1/4-20 flange nut onto the flange screw and tighten securely. Repeat this process for the two remaining holes in the top middle board and skew board as shown in Fig. 15.

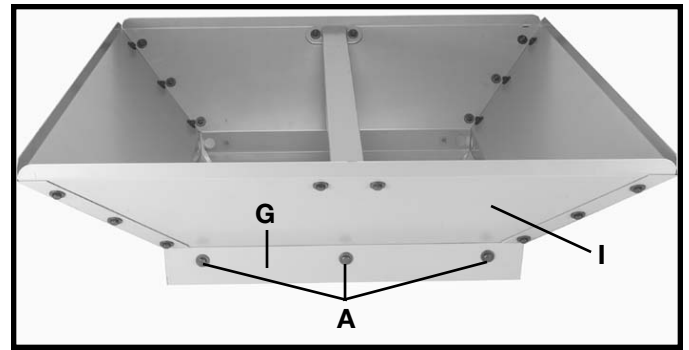


Fig. 15

FOR MODEL 50-885 ONLY

5. Attach the board support (K) Fig. 16, to the 2 skew boards (I). Align the holes in the board support (K) Fig. 16 with the holes in the skew boards (I). Insert a 1/4-20x5/8" flange screw through the hole in the board support and the hole in the skew board, thread a 1/4-20 flange nut onto the flange screw and tighten securely. Repeat this process for the three remaining holes in the board support and the skew board.

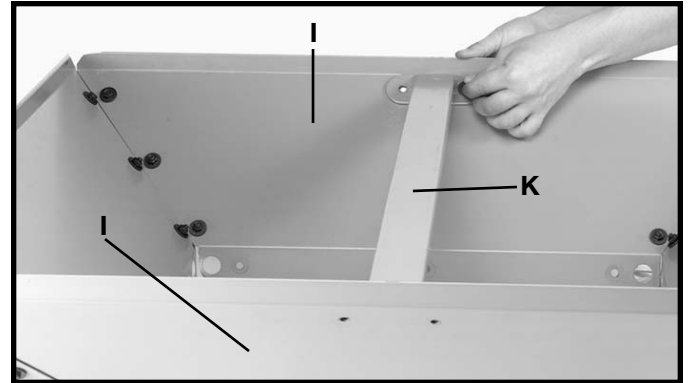


Fig. 16

CURTAIN FRAME

1. Align the curtain frame (O), and back curtain rod (P), on a flat surface as shown in Fig. 17.

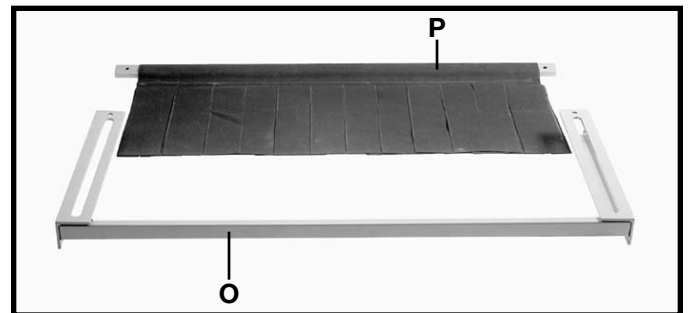


Fig. 17

2. Attach the back curtain rod (P), to the back of the curtain frame (O) Fig. 18. Insert a 1/4-20x7/8" flat head screw through the curtain frame (O) and the back curtain rod (P), thread a 1/4-20 flange nut onto the 1/4-20x7/8" flat head screw and tighten securely. Repeat this process for the remaining hole in the curtain frame and back curtain rod.

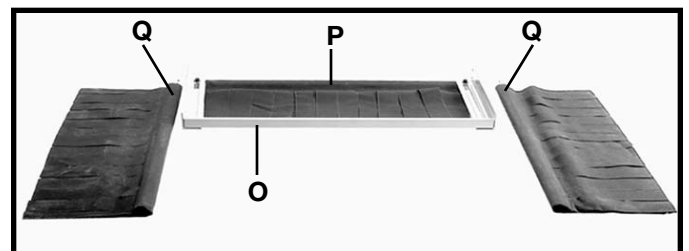


Fig. 18

3. Attach the side curtain rods (Q) Fig. 18, to the side of the curtain frame (O). Align the holes in the side curtain rods (Q) Fig. 18 with the holes in the curtain frame (O). **NOTE: MAKE SURE THAT THE CURTAIN FRAME SUPPORTS (A) ON THE SIDE CURTAIN RODS ARE POSITIONED TO THE OUTSIDE OF THE CURTAIN FRAME AS SHOWN IN FIG. 18A.** Insert a 1/4-20x7/8" flat head screw through the curtain frame and the side curtain rod, and thread a 1/4-20 flange nut onto the flat head screw and tighten securely. Repeat this process for the three remaining holes in the side curtains and the curtain frame.

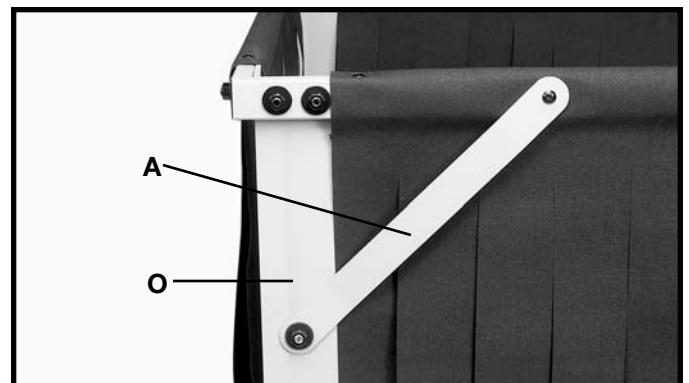


Fig. 18A

4. Attach the curtain frame supports to the curtain frame. Align the hole in the curtain frame support (A) Fig. 18A, with the hole in the curtain frame (O). Insert a 1/4-20x7/8" flat head screw through the curtain frame and the curtain frame support and thread a 1/4-20 flange nut onto the flat head screw and tighten securely. Repeat this process for the remaining curtain frame support.

ATTACHING THE SKEW BOARD FRAME TO THE MOTOR CASE

1. Place the assembled skew board frame Fig. 19, on top of the motor case. **NOTE: THE SKEW BOARD FRAME SHOULD BE POSITIONED ONTO THE MOTOR CASE SO THAT THE CURTAIN FRAME PLATES (M) ARE POSITIONED TO THE REAR OF THE MOTOR CASE (A) AS SHOWN IN FIG. 19A.**

2. Fasten the skew board frame to the motor case. Align the holes in the skew board frame (A) Fig. 20, with the holes in the motor case. Insert 1/4-20x5/8" flange screws through the holes in the motor case and the holes in the skew board frame and thread 1/4-20 flange nuts onto the screws and tighten securely.



Fig. 19

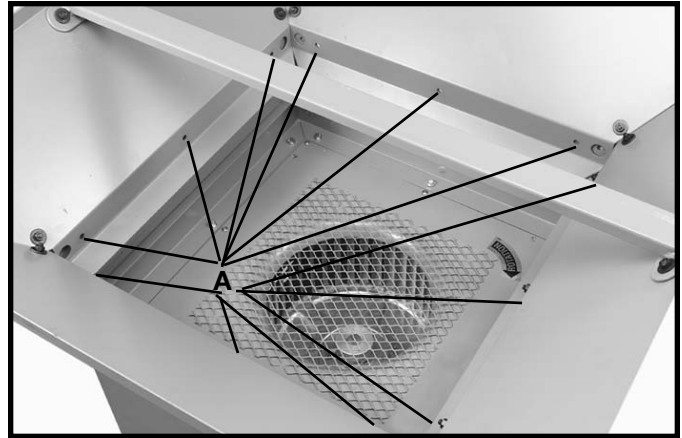


Fig. 20

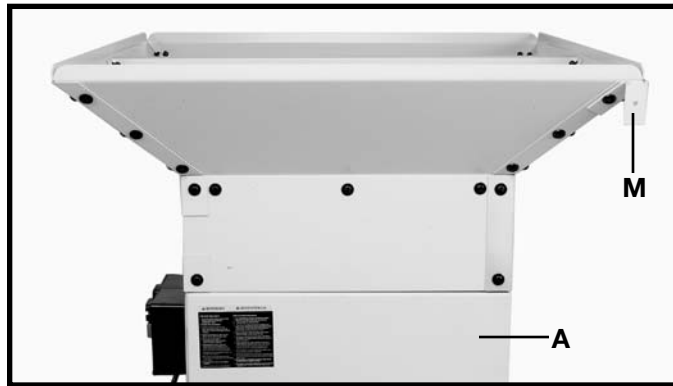


Fig. 19A

ATTACHING THE CURTAIN FRAME TO THE SKEW BOARD FRAME

1. Position the curtain frame (O), to the back of the skew board (I), and against the curtain frame plates (M), as shown in Fig. 21.

2. Fasten the curtain frame (O), to the curtain frame plates (M), using handle assemblies (R), and flat washers (S) as shown in Fig. 22. **NOTE: PLACE A 5/16" FLAT WASHER (S), ONTO EACH HANDLE ASSEMBLY BEFORE THREADING THE HANDLE ASSEMBLY ONTO THE FRAME PLATE AS SHOWN IN FIG. 22.**

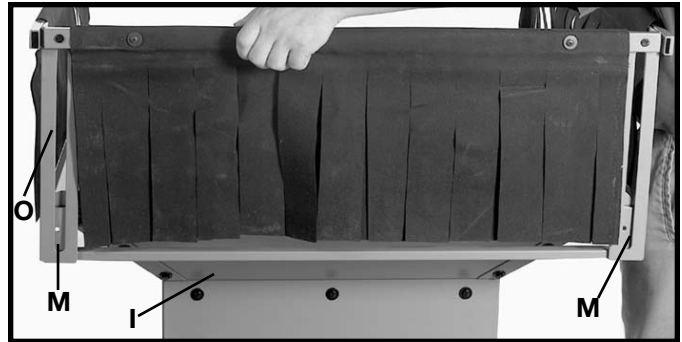


Fig. 21

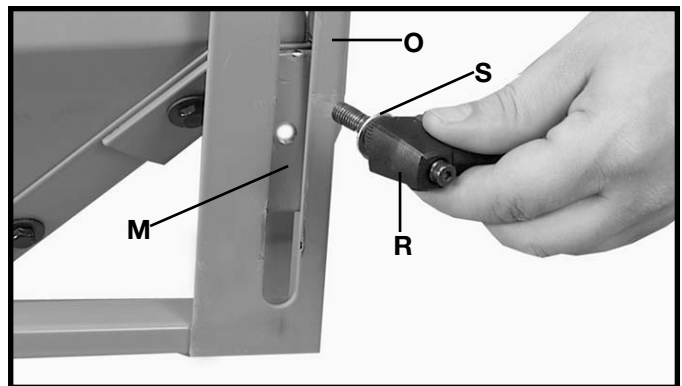


Fig. 22

INSTALLING FILTER DRAWER AND TABLE TOP

1. Slide filter drawer (U), into the front of the machine as shown in Fig. 23.
2. Place table top (T), onto the top of the skew board as shown in Fig. 24. **NOTE MODEL 50-880 HAS ONLY ONE TABLETOP TO INSTALL.**

TO START AND STOP THE DOWN DRAFT TABLE

1. To start the machine, press the "START" button (A) Fig. 25.
2. To stop the machine, press the "STOP" button (B) Fig. 25.

LOCKING SWITCH IN THE "OFF" POSITION

IMPORTANT: When the tool is not in use, the switch should be locked in the "OFF" position to prevent unauthorized use. Use a padlock (C) Fig. 26 (Delta Model 50-325), inserted through the start button (A) to lock the tool in the "OFF" position.



Fig. 23

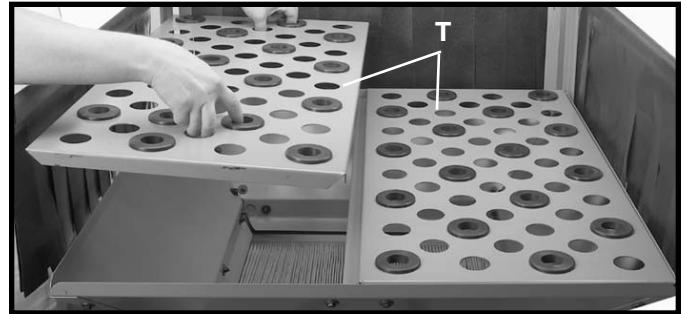


Fig. 24

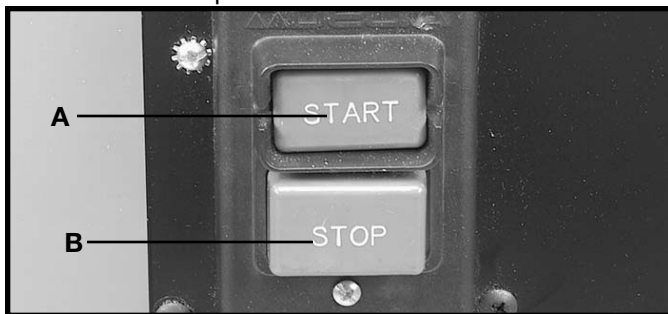


Fig. 25

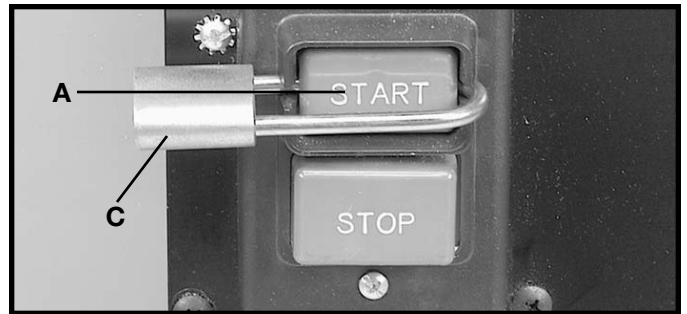


Fig. 26



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